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SPECIFICATIONS

The installation and application of all materials shall be in accordance with the current printed manufacturer's instructions and recommendations.

METAL STUD AND GYPSUM WALLBOARD PARTITIONS

Metal studs shall be roll formed channel type sections fabricated of U.S.S. No. 25 gauge, galvanized sheet steel, 2 1/2 inches wide and in the longest one piece lengths available.

Gypsum wallboard shall be grade "X" fire-retardant wallboard 48 inches wide and of thickness indicated on the Contract Drawings and shall be of uniform quality conforming to Federal Specification SS-L-30 and to ASTM C36.

Wallboard shall be furnished and installed in the longest available lengths so that wallboard panels extend vertically in one piece from floor to ceiling and/or slabs, beams or decks above, as required.

Wallboard used in fire rated partitions shall be delivered to the construction site bearing Underwriters Laboratory certification and N.Y.C. Board of Standards and Appeals Calendar numbers.

Ceiling and floor runners shall be roll formed channel type sections fabricated of U.S.S. No. 25 gauge, galvanized steel. Runners shall be in 10'-0" lengths.

Trim members shall be fabricated of U.S.S. No. 25 gauge galvanized steel and shall include corner reinforcement and casing type edge trim.

Corner reinforcement shall be complete with perforated tape wings, and shall be type No. 11 "Perf-a-Bead" as manufactured by U. S. Gypsum Co., or an approved equal. Corner and edge trim members shall be in single lengths.

Screws for fastening wallboard to studs shall be bugle type Phillips head screws specifically manufactured for power tool installation.

Joint treatment materials shall be expressly manufactured by the wallboard manufacturer for use with the manufacturer's wallboard materials. Joint compounds shall be the ready mixed type conforming to ASTM C475. Tape reinforcement shall be perforated and shall conform to ASTM C475. Taping and spackling shall be a three (3) coat application.

Before installing channel studs wrap top of stud with electrical tape to isolat metal stud from metal runner. Do not secure studs or gypsum wallboard to top channel runner.

Compressible Fireproofing shall be tightly packed in voids between top channel of all fire rated partitions and flutes of slab above. Thermafiber Mineral Fireproofing shall be as manufactured by U. S. Gypsum Co. or an approved equal.

~~METAL AND GLASS PARTITIONS~~

~~Metal and glass partitions shall be one of the following:~~

~~Acme - 250 Series~~
~~Mauserman - Delineator~~
~~Moaning - Monogram~~
~~L.M.P. Steel Products Inc. - Bel-Aire~~

PAINTING

Paints shall be as manufactured by Devoe & Reynolds, Dupont, Glidden or an approved equal.

Paints shall be of the type specifically manufactured for application to the surface to which it is to be applied.

All paint shall be applied carefully with good clean brushes, or approved rollers. Paint shall be evenly spread and when brushes are used shall be thoroughly brushed out. The work shall be so performed as to avoid damage to other surfaces. Any damage to adjacent surfaces shall be repaired in a manner satisfactory to the Engineer. Finish coats shall be smooth and free from runs, sags, holidays or other defects. Finish surfaces shall be uniform in sheen, color and texture. Each coat of paint shall be of sufficient thickness to cover completely the previous coat or surface.

Walls shall have two (2) coats of paint. Doors and frames shall have two (2) coats of paint both sides, unless otherwise noted.
PAINT ALL WALLS IN TENANT SPACES DUPONT LPIA BEIGE.

~~Ceiling Tiles shall be painted, one coat Luminall satin paint, ACRYPOLYRENE No. 21801 White, as manufactured by Luminall Paint Company or approved equal.~~

PAINT DOORS, FRAMES AND CONVECTORS LPIA BEIGE SEMI-GLOSS

~~WALL COVERING~~

~~Prime and seal all surfaces scheduled for wall covering.~~

~~All work shall be in accordance with the manufacturer's printed instructions.~~

~~Closet Shelf and Clothes Pole~~

~~Closet shelf shall be 3/4" thick particle board supported by continuous angle on three sides. Paint shelf and angle to match walls. Clothes pole shall be 1" O.D. 20 Ga. chrome plated steel tubing No. 7800 as manufactured by Plaza Towel Holder Co. or approved equal.~~

MATERIALS FURNISHED BY THE AUTHORITY

The Authority will furnish to the contractor the materials in the quantities as shown below for installation in the permanent construction. The furnishing and installation of any materials in addition to the quantities shown shall be the responsibility of the contractor.

Materials can be obtained at Tower B basement level 294. Material storage area is open daily from 7:30 a.m. - 12:00 noon and 1:00 p.m. - 3:30 p.m. For material withdrawals, call (212) 466-4154 at least 24 hours in advance.

All excess material furnished by the Authority not used in the permanent construction shall be returned as directed by the Engineer.

- [x] All components for movable gypsum wallboard partition 228 L.F.
- [ ] Ceiling and floor runners for salvaged (movable gypsum wallboard) partition ____ L.F.
- [ ] Vinyl asbestos floor tile ____ S.F.
- [x] Wall Base
  (a) Straight ____ L.F.
  (b) Cove 1100 L.F.
- [x] Acoustic ceiling tile and suspension system
  (a) 12" X 12" tile 426 S.F.
  (b) 20" X 20" tile 4930 S.F.
- [x] Hardware
  Set I 6 (2) pairs butts, (1) mortise lockset, (1) domestop, (3) silencers, (1) closer
  SET II ____ (4) pairs butts, (2) flush bolts, (1) mortise lockset, (1) closer, (2) domestops, (2) silencers, (1) coordinator
  SET III 6 (2) pairs butts, (1) latchset, (1) domestop, (3) silencers
  SET IV ____ (2) pairs butts, (1) domestop, (3) silencers, (lockset by others)
- [x] Aluminum Saddles: 3'-0" 6, 5'-0" ____ #1654
- [ ] Sliding door units: 4'-0" ____, 5'-0" ____, 6'-0" ____
- [x] Hollow metal doors and frames

Door	Description	Hdwr. Set
1	FPSC LHRB 3'x8'-5¾" H.M.	I
6	FPSC RHRB 3'x8'-5¾" H.M.	I
2,3	FPSC RH 3'x8'-5¾" H.M.	II
4,5	FPSC LH 3'x8'-5¾" H.M.	II
7,9,11,13	H.M. RH 3'x8'-5¾"	III
8,10,12,14	H.M. LH 3'x8'-5¾"	III

INSTALLATION OF MATERIALS

MOVABLE GYPSUM WALLBOARD PARTITIONS

The installation of movable gypsum wallboard partitions shall be in accordance with currently printed manufacturers instructions and recommendations unless otherwise directed by the engineer.

HARDWARE

Finish hardware installation shall conform to the manufacturers requirements. Installation shall be in a neat and skillful manner, with all components operating properly. All knobs, handles, pulls and other exposed items, shall be suitably wrapped and protected as soon as they have been installed and such protection shall remain until the acceptance of the work.

Immediately preceding final inspection all hardware shall be cleaned carefully by a method which will in no way damage it.

Butts - Stanley FBB 179 X 4-1/2" x 4-1/2"
Mortise Lockset - Corbin #125-8551
Latch Set - Corbin #833-410
Closer - Corbin #500-S-3
Flush Bolts - Corbin #2846, 1-12" lg., 1-30" Lg.
Domestop - Corbin #373-1/2
Coordinator - Von Duprin #1237
Silencers - Corbin #33
Aluminum Saddles - Zero Weatherstripping Co., Inc. #1654 or #633

HOLLOW METAL DOORS AND FRAMES

Frames shall be installed plumb, straight, and true with horizontal lines level and all vertical lines plumb. Frames shall be secured rigidly in place and shall be anchored to the floors, jambs and heads in an approved manner. All frames shall be braced until adjacent construction has been completed and has attained sufficient strength to maintain the frames in position.

Installation of door frames shall include all spacer clips, shims, channel lintels and sub-frames as shown, and all neoprene gaskets.

Doors shall be installed plumb and true with their frames and shall operate freely without binding.

After erection, all damaged areas in the shop coat, exposed surfaces of bolts, bolt heads, nuts and washers, and all field welds., if necessary, and unpainted areas adjacent to field welds shall be painted with the same paint used in shop coating.

Doors and frames that are to be supplied by the contractor shall be similar and equal in every respect to those that are furnished by the Authority.

WALL BASE

Wall Base shall be applied against the wall with approved type cement adhesive keeping cement 1/4" below top of base. Adhesive for installation of base shall be furnished by the contractor. Vertical joints shall be held to a minimum with a minimum distance from a joint to a corner equal to 1'-0".

ACOUSTIC CEILING

Black iron carrying channels shall be securely supported by hangers fastened to the overhead structural members, channels shall be spaced as required to adequately support light fixtures, drapery pocket and the acoustic ceiling assembly.

Ceiling tile shall be installed in a true and even plane, butt joints tightly together, install metal edge mouldings as required.

NOTES

1. The work required un ~~(PREMIUM)~~ (STANDARD) clauses of this contrac
2. Before commencing work and dimensions in the brought to the attentio
3. Before commencing work of any areas without and chipped-off firepr CAFCO type D or appr
4. The Contractor shall structural members f unless written approval
5. The Contractor shall p any damage resulting f
6. The Contractor shall damaged in the perform
7. The space around pipes not exceed 1/2" and sh proved equal and be cl on both sides of the C26-504.5.
8. Firestopping shall be
9. All wood shall be fir C26-502.6.
10. All interior finishe C26-504.10.
11. ~~Carpeting shall conf flammability and smoke~~
12. Where rated partition within the enclosure a wall.
13. Where unrated partiti within the enclosure a rigid fiberglass board
14. Partition dimensions a wise noted.
15. Centerlines of partit tered on the columns,
16. Partitions not locate located as shown on t be centered on the til
17. Unless otherwise note from adjacent intersec
18. Remove, modify if requ
19. Modify drapery track a tion layout.
20. Existing floor tile sh restored as directed b
21. ~~Carpet installed unde fitted around all exis cal outlets. Access panels.~~
22. Rubber base shall be unless otherwise noted
23. Unless required to p paint existing walls t shall be painted up t door frame. Color sha
24. When movable partitio shall reuse at least tion. Return surplus terial.

VOLONAKIS DESIGNED	REVISIONS							
P. CAVARRETA DRAWN	NO.	DATE	APPD.	DESCRIPTION	NO.	DATE	APPD.	DESCRIPTION
T. VANDERER CHECKED								
T. VANDERER IN CHARGE								

CHIEF ENGINEER — ASST. CHIEF ENGINEER OF DESIGN & RESEARCH — ENGINEER OF DESIGN AIRPORTS & W.T.C.

ARCHITECT — DATE MARCH 23, 1970